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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/760,879	01/17/2001	Naohito Takae	1341.1077 (JDH)	4985

21171 7590 09/14/2006

STAAS & HALSEY LLP  
SUITE 700  
1201 NEW YORK AVENUE, N.W.  
WASHINGTON, DC 20005

EXAMINER

LEE, JUSTIN YE

ART UNIT PAPER NUMBER

2617

DATE MAILED: 09/14/2006

Please find below and/or attached an Office communication concerning this application or proceeding.

**Office Action Summary**

Application No.

09/760,879

Applicant(s)

TAKAE ET AL.

Examiner

Justin Y. Lee

Art Unit

2617

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

**Period for Reply**

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

**Status**

- 1) ☒ Responsive to communication(s) filed on 30 June 2006.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

**Disposition of Claims**

- 4) ☒ Claim(s) 1,3-5,7,9,11-13,21 and 22 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1,3-5,7,9,11-13,21 and 22 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

**Application Papers**

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on \_\_\_\_\_ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

**Priority under 35 U.S.C. § 119**

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some \* c) ☐ None of:
1. ☐ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

**Attachment(s)**

- |   |   |
|---|---|
| 1) <input checked="" type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                                  | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input checked="" type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

1. The Art Unit location of your application in the USPTO has changed. To aid in correlating any papers for this application, all further correspondence regarding this application should be directed to Art Unit 2617.

### ***Claim Rejections - 35 USC § 103***

2. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

3. Claims 1, 3-4, and 11-12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hubbe et al. (US Patent Number 6,278,885) in view of Rignell et al. (US Patent Application publication number 2001/0053688 A1).

Regarding claim 1, Hubbe et al. discloses a portable terminal remote control method of remotely controlling a portable terminal (3) from an external device (1, 2, 5) via a wireless communication link (Figure 1), said portable terminal having a main body provided with a built-in memory (second memory- column 5, line 1), and an attachable/detachable storage medium (first memory, e.g. SIM card - column 4, line 65), the method comprising:

accepting a request by said external device related to a change of setting in said portable terminal via the wireless communication link (column 3, lines 27-32);  
and

sending a single setting changing message (short radio message; SMS - abstract; column 3, lines 35-40; column 5, lines 4-9), from said external device to said portable terminal, in response to the accepted request (column 3, lines 27-32), and

wherein the setting changing message includes a computer program ("commands to be acted on" - column 4, line 3; "updating commands" - column 3, lines 27-32) that changes contents of the built-in memory together with contents of the storage medium of the portable terminal at a time (column 5, lines 2-3), and a setting changing identifier (header 6 - Figure 2) that identifies the setting changing message such that said portable terminal is configured to execute a different function (an update by definition implies a change or different function as claimed; see "adding soft-ware" - column 4, line 47) (column 2, lines 26-34).

- In spite of that someone makes the request (which includes a settings change for the portable terminal; Hubbe et al.'s "updating commands"), Hubbe et al. does not specify it is the user of the portable terminal who makes the request. Nevertheless, the manner of operating a device does not differentiate apparatus claim from the prior art (see MPEP 2114).

On the other hand, this feature is conventional in the art as shown by Rignell et al. In the same field of endeavor, Rignell et al. discloses a portable terminal remote control method of remotely controlling a portable terminal (201 - Figure 2) wherein the user of the portable terminal makes the request as claimed (see in particular paragraph 0029).

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to enable the user of the portable terminal to make the request instead of or in addition to someone else, first, because the manner of operating a device does not differentiate apparatus claim from the prior art (MPEP 2114), and, second, because users would be capable of performing the changes/updates when necessary, possible, and/or advantageous (e.g. when they have time).

- Even though Hubbe et al. discloses that the setting changing message is, for example, SMS (short message service) message (abstract; column 3, lines 35-40; column 5, lines 4-9), Hubbe et al. fails to specify that the setting changing message is mail (e-mail) as defined by applicant.

In the same field of endeavor, Rignell et al. discloses a portable terminal remote control method of remotely controlling a portable terminal (201 - Figure 2) where either one of SMS or e-mail or any other suitable format can be used to send update/support information/commands enabling the mobile unit to perform an update of the settings in a memory of the mobile unit (see in particular paragraph 0107; see also paragraphs 0037 and 0084). SMS and e-mail are interchangeable as suggested by Rignell et al. Some advantages of e-mail are that it is low cost, and widely available.

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to use e-mail instead of SMS, first, because SMS

and e-mail are interchangeable as suggested by Rignell et al., and, second, because e-mail is low cost, and widely available.

Regarding claim 3, Hubbe et al. and Rignell et al. disclose everything claimed as applied above (see claim 1). In addition, the combination teaches wherein the sending of the setting changing mail includes, upon acceptance of the request related to the change of setting in said portable terminal, generating the setting changing mail containing a computer program suitable to the received request (column 2, lines 26-34; column 3, lines 27-40; column 4, line 3; column 5, lines 4-9 of Hubbe et al.).

Regarding claim 4, Hubbe et al. and Rignell et al. disclose everything claimed as applied above (see claim 3). In addition, the combination teaches the upon acceptance of the request related to the change of setting in said portable terminal from the user of said portable terminal, checking whether or not the user is an authorized user (determine whether unauthorized, unsupported, unlicensed or unofficial -paragraphs 0051-0052 of Rignell et al.).

In general, claims 11-12 are obvious variations of claims 1, 3-4; therefore, they are rejected for the same reasons shown above. For example:

As to claims 11 and 12, they are the corresponding system and recording medium claims of method claim 1; therefore, they are rejected for the same reasons applied above for claim 1.

4. Claims 1, 3-4, and 11-12 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hubbe et al. (US Patent Number 6,278,885) in view of Hagebarth (US Patent Number 6,484,026).

Regarding claim 1, Hubbe et al. discloses a portable terminal remote control method of remotely controlling a portable terminal (3) from an external device (1, 2, 5) via a wireless communication link (Figure 1), said portable terminal having a main body provided with a built-in memory (second memory- column 5, line 1), and an attachable/detachable storage medium (first memory, e.g. SIM card - column 4, line 65), the method comprising:

accepting a request by said external device related to a change of setting in said portable terminal via the wireless communication link (column 3, lines 27-32);  
and

sending a single setting changing message (short radio message; SMS - abstract; column 3, lines 35-40; column 5, lines 4-9), from said external device to said portable terminal, in response to the accepted request (column 3, lines 27-32),  
and

wherein the setting changing message includes a computer program ("commands to be acted on" - column 4, line 3; "updating commands" - column 3, lines 27-32) that changes contents of the built-in memory together with contents of the storage medium of the portable terminal at a time (column 5, lines 2-3), and a setting changing identifier (header 6 - Figure 2) that identifies the setting changing message such that said portable terminal is configured to execute a different

function (an update by definition implies a change or different function as claimed; see "adding software" - column 4, line 47) (column 2, lines 26-34).

- In spite of that someone makes the request (which includes a settings change for the portable terminal; Hubbe et al.'s "updating commands"), Hubbe et al. does not specify it is the user of the portable terminal who makes the request. Nevertheless, the manner of operating a device does not differentiate apparatus claim from the prior art (see MPEP 2114).

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to enable the user of the portable terminal to make the request instead of or in addition to someone else, first, because the manner of operating a device does not differentiate apparatus claim from the prior art (MPEP 2114), and, second, because users would be capable of performing the changes/updates when necessary, possible, and/or advantageous (e.g. when they have time).

- Even though Hubbe et al. discloses that the setting changing message is, for example, SMS (short message service) message (abstract; column 3, lines 35-40; column 5, lines 4-9), Hubbe et al. fails to specify that the setting changing message is mail (e-mail) as defined by applicant.

In the same field of endeavor, Hagebarth discloses a portable terminal remote control method of remotely controlling a portable terminal (abstract) where either one of SMS or e-mail can be used to send update/performance parameters/commands (settings) enabling the mobile unit to perform an update of



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the settings in a memory of the mobile unit (see in particular column 6, lines 34-41; see also column 7, lines 35-38). SMS and e-mail are interchangeable as suggested by Hagebarth. Some advantages of e-mail are that it is low cost, and widely available.

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to use e-mail instead of SMS, first, because SMS and e-mail are interchangeable as suggested by Hagebarth, and, second, because e-mail is low cost, and widely available.

Regarding claim 3, Hubbe et al. and Hagebarth disclose everything claimed as applied above (see claim 1). In addition, the combination teaches wherein the sending of the setting changing mail includes, upon acceptance of the request related to the change of setting in said portable terminal, generating the setting changing mail containing a computer program suitable to the received request (column 2, lines 26-34; column 3, lines 27-40; column 4, line 3; column 5, lines 4-9 of Hubbe et al.).

Regarding claim 4, Hubbe et al. and Hagebarth disclose everything claimed as applied above (see claim 3). In addition, the combination teaches the upon acceptance of the request related to the change of setting in said portable terminal from the user of said portable terminal, checking whether or not the user is an authorized user (verify customer's identity - column 5, lines 1-6 of Hagebarth).

In general, claims 11-12 are obvious variations of claims 1, 3-5, 7-9; therefore, they are rejected for the same reasons shown above. For example:

As to claims 11 and 12, they are the corresponding system and recording medium claims of method claim 1; therefore, they are rejected for the same reasons applied above for claim 1.

5. Claims 5, 7, 9, 13, and 21 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hubbe et al. (US Patent Number 6,278,885) in view of Rignell et al. (US Patent Application publication number 2001/0053688 A1) and Lentz (US 4,975,950).

Regarding claim 5, Hubbe et al. discloses a portable terminal remote control method of remotely controlling a portable terminal (3) from an external device (1, 2, 5) via a wireless communication link (Figure 1), said portable terminal having a main body provided with a built-in memory (second memory- column 5, line 1), and an attachable/detachable storage medium (first memory, e.g. SIM card - column 4, line 65), the method comprising:

receiving a single setting changing message (short radio message; SMS - abstract; column 3, lines 35-40; column 5, lines 4-9) sent from said external device in said portable terminal, via the wireless communication link (column 3, lines 27-32), the setting changing message including a computer program ("commands to be acted on" - column 4, line 3; "updating commands" - column 3, lines 27-32) that changes contents of both the built-in memory and the storage medium of the portable terminal at a time (column 5, lines 2-3), and a setting changing identifier (header 6 - Figure 2) that identifies the setting changing mail;

identifying the setting changing message based on the setting changing identifier (header 6 - Figure 2); and

Updating the contents of both of said built-in memory and said storage medium collectively (e.g. "both") based on content of the received setting changing mail such that said portable terminal is configured to execute a different function (an update by definition implies a change or different function as claimed; see "adding software" - column 4, line 47),

storing the received setting changing mail in said built-in memory (col. 5, lines 2-3 and col. 3, lines 65-col. 4, lines 4).

- Even though Hubbe et al. discloses that the setting changing message is, for example, SMS (short message service) message (abstract; column 3, lines 35-40; column 5, lines 4-9), Hubbe et al. fails to specify that the setting changing message is mail (e-mail) as defined by applicant.

In the same field of endeavor, Rignell et al. discloses a portable terminal remote control method of remotely controlling a portable terminal (201 - Figure 2) where either one of SMS or e-mail or any other suitable format can be used to send update/support information/commands enabling the mobile unit to perform an update of the settings in a memory of the mobile unit (see in particular paragraph 0107; see also paragraphs 0037 and 0084). SMS and e-mail are interchangeable as suggested by Rignell et al. Some advantages of e-mail are that it is low cost, and widely available. Rignell et al. further discloses a setting changing identifier (software version number) that identifies the setting changing mail; and identifying the setting

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changing message based on the setting changing identifier (paragraph 0044, 0077, 0091, etc).

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to use e-mail instead of SMS, first, because SMS and e-mail are interchangeable as suggested by Rignell et al., and, second, because e-mail is low cost, and widely available.

Hubbe et al. and Rignell et al. together do not disclose when said storage medium is replaced with another storage medium updating contents of said other storage medium by running the computer program contained in the setting changing mail stored in said built-in memory.

Lentz further disclose when said storage medium is replaced with another storage medium updating contents of said other storage medium by running the computer program contained in the setting changing mail stored in said built-in memory (col. 1, lines 21-34, the virus copies itself on to a storage device each time a storage device is connected with a infested computer).

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to utilize the teachings of Lentz into the teachings of Hubbe et al. and Rignell et al. for the purposes of coping a specific program onto a storage device automatically (col. 1, lines 21-34).

Regarding claim 7, Hubbe et al. and Rignell et al. and Lentz disclose everything claimed as applied above (see claim 5). In addition, the combination

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teaches wherein said storage medium comprises an IC card or a subscriber identity module card (e.g. SIM card - column 3, lines 4-5; column 4, line 65) issued by a communication provider (column 3, lines 23-25), each provided with a processor (processing means; microprocessor- column 3, lines 7-10) (17 -Figure 3) and a memory (column 3, lines 7-10) (18 - Figure 3) so that in the collectively updating of the contents, said main body has a processor (11 - Figure 3) that updates the contents of said built-in memory (12 - Figure 3) by executing the computer program contained in said setting changing mail ("commands to be acted on" - column 4, line 3; "updating commands" - column 3, lines 27-32), and said IC card or subscriber identity module card is updated by a processor-to- processor communication between the processor in said main body and the processor in said IC card or in said subscriber identity module card (e.g. SIM card) (column 3, lines 11-15; and citations above of Hubbe et al.).

Regarding claim 9, Hubbe et al. and Rignell et al. and Lentz disclose everything claimed as applied above (see claim 5). In addition, the combination teaches storing the received setting changing mail said storage medium (column 5, lines 2-3); and when said storage medium is inserted into a main body of another portable terminal, updating contents in a built-in memory of said mail body of the other portable terminal by running the computer program contained in the setting changing mail stored in said storage medium (single card can be used in multiple phones or vice versa - column 4, lines 8-14; card memory contents are compared

against built-in memory, e.g. buffer, to determine update need - column 4, lines 51-55; and citations above of Hubbe et al.).

As to claim 13, it is a corresponding system claim of method claim 5; therefore, it is rejected for the same reasons applied above for claim 5.

Regarding claim 21, Hubbe et al. and Rignell et al. and Lentz disclose everything claimed as applied above (see claims 5 and 13). In addition, the combination teaches said storing unit storing the received setting changing mail in said storage medium (Hubbe et al. col. 3, lines 65-col. 4, lines 4 and Lentz, col. 1, lines 21-34); and

When said storage medium is inserted into a main body of an other portable terminal, updating contents in a built-in memory of said main body of the other portable terminal by running the computer program contained in the setting changing mail stored in said storage medium (Hubbe et al. col. 4, lines 8-14, a card is capable of being used in other mobile phones and Lentz, col. 1, lines 21-34, that the virus on the storage device and pass onto other computers when the storage device is connected to the other computers).

6. Claims 5, 7, 9, and 13 are rejected under 35 U.S.C. 103(a) as being unpatentable over Hubbe et al. (US Patent Number 6,278,885) in view of Hagebarth (US Patent Number 6,484,026) and Ijichi et al. (US 2002/0125311 A1).

Regarding claim 5, Hubbe et al. discloses a portable terminal remote control method of remotely controlling a portable terminal (3) from an external device (1, 2, 5) via a

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wireless communication link (Figure 1), said portable terminal having a main body provided with a built-in memory (second memory - column 5, line 1), and an attachable/detachable storage medium (first memory, e.g. SIM card - column 4, line 65), the method comprising:

receiving a single setting changing message (short radio message; SMS - abstract; column 3, lines 35-40; column 5, lines 4-9) sent from said external device in said portable terminal, via the wireless communication link (column 3, lines 27-32), the setting changing message including a computer program ("commands to be acted on" - column 4, line 3; "updating commands" - column 3, lines 27-32) that changes contents of both the built-in memory and the storage medium of the portable terminal at a time (column 5, lines 2-3), and a setting changing identifier (header 6 - Figure 2) that identifies the setting changing mail;

identifying the setting changing message based on the setting changing identifier (header 6 - Figure 2); and

updating the contents of both of said built-in memory and said storage medium collectively (e.g. "both") based on content of the received setting changing mail such that said portable terminal is configured to execute a different function (an update by definition implies a change or different function as claimed; see "adding software" - column 4, line 47),

storing the received setting changing mail in said built-in memory (col. 5, lines 2-3 and col. 3, lines 65-col. 4, lines 4).

- Even though Hubbe et al. discloses that the setting changing message is, for example, SMS (short message service) message (abstract; column 3, lines 35-40; column 5, lines 4-9), Hubbe et al. fails to specify that the setting changing message is mail (e-mail) as defined by applicant.

In the same field of endeavor, Hagebarth discloses a portable terminal remote control method of remotely controlling a portable terminal (abstract) where either one of SMS or e-mail can be used to send update/performance parameters/commands (settings) enabling the mobile unit to perform an update of the settings in a memory of the mobile unit (see in particular column 6, lines 34-41; see also column 7, lines 35-38). SMS and e-mail are interchangeable as suggested by Hagebarth. Some advantages of e-mail are that it is low cost, and widely available.

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to use e-mail instead of SMS, first, because SMS and e-mail are interchangeable as suggested by Hagebarth, and, second, because e-mail is low cost, and widely available.

Hubbe et al. and Rignell et al. together do not disclose when said storage medium is replaced with another storage medium updating contents of said other storage medium by running the computer program contained in the setting changing mail stored in said built-in memory.

Ijichi et al. further disclose when said storage medium is replaced with another storage medium updating contents of said other storage medium by running the computer program contained in the setting changing mail stored in said built-in



memory (paragraph 87, the new IC card is updated with the information on the original IC card when the original IC card is replaced by the new IC card).

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to utilize the teachings of Ijichi et al. into the teachings of Hubbe et al. and Rignell et al. for the purposes of restoring information on a lost IC card onto a new IC card (paragraph 87).

Regarding claim 7, Hubbe et al. and Hagebarth and Ijichi et al. disclose everything claimed as applied above (see claim 5). In addition, the combination teaches wherein said storage medium comprises an IC card or a subscriber identity module card (e.g. SIM card - column 3, lines 4-5; column 4, line 65) issued by a communication provider (column 3, lines 23-25), each provided with a processor (processing means; microprocessor - column 3, lines 7-10) (17 - Figure 3) and a memory (column 3, lines 7-10) (18 - Figure 3) so that in the collectively updating of the contents, said main body has a processor (11 - Figure 3) that updates the contents of said built-in memory (12 - Figure 3) by executing the computer program contained in said setting changing mail ("commands to be acted on" - column 4, line 3; "updating commands" - column 3, lines 27-32), and said IC card or subscriber identity module card is updated by a processor-to-processor communication between the processor in said main body and the processor in said IC card or in said subscriber identity module card (e.g. SIM card) (column 3, lines 11-15; and citations above of Hubbe et al.).

Regarding claim 9, Hubbe et al. and Hagebarth disclose everything claimed as applied above (see claim 5). In addition, the combination teaches storing the received setting changing mail said storage medium (column 5, lines 2-3); and when said storage medium is inserted into a main body of another portable terminal, updating contents in a built-in memory of said mail body of the other portable terminal by running the computer program contained in the setting changing mail stored in said storage medium (single card can be used in multiple phones or vice versa - column 4, lines 8-14; card memory contents are compared against built-in memory, e.g. buffer, to determine update need - column 4, lines 51-55; and citations above of Hubbe et al.).

As to claim 13, it is a corresponding system claim of method claim 5; therefore, it is rejected for the same reasons applied above for claim 5.

7. Claim 22 is rejected under 35 U.S.C. 103(a) as being unpatentable over Hubbe et al. (US Patent Number 6,278,885) in view of Rignell et al. (US Patent Application publication number 2001/0053688 A1) and Lentz (US 4,975,950).

- Even though Hubbe et al. discloses that the setting changing message is, for example, SMS (short message service) message (abstract; column 3, lines 35-40; column 5, lines 4-9), Hubbe et al. fails to specify that the setting changing message is mail (e-mail) as defined by applicant.

In the same field of endeavor, Rignell et al. discloses a portable terminal remote control method of remotely controlling a portable terminal (201 - Figure 2) where either one of SMS or e-mail or any other suitable format can be used to send

update/support information/commands enabling the mobile unit to perform an update of the settings in a memory of the mobile unit (see in particular paragraph 0107; see also paragraphs 0037 and 0084). SMS and e-mail are interchangeable as suggested by Rignell et al. Some advantages of e-mail are that it is low cost, and widely available. Rignell et al. further discloses a setting changing identifier (software version number) that identifies the setting changing mail; and identifying the setting changing message based on the setting changing identifier (paragraph 0044, 0077, 0091, etc).

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to use e-mail instead of SMS, first, because SMS and e-mail are interchangeable as suggested by Rignell et al., and, second, because e-mail is low cost, and widely available.

Hubbe et al. and Rignell et al. together do not disclose updating contents a new storage medium provided to the portable terminal via the program without requiring a comparison of contents stored in the built-in memory with contents of the new storage medium.

Lentz further disclose updating contents a new storage medium provided to the portable terminal via the program without requiring a comparison of contents stored in the built-in memory with contents of the new storage medium (col. 1, lines 21-34, the virus copies itself on to a storage device each time a storage device is connected with a infested computer).

Therefore, it would have been obvious to a person of ordinary skill in the art at the time the invention was made to utilize the teachings of Lentz into the teachings of Hubbe et al. and Rignell et al. for the purposes of coping a specific program onto a storage device automatically (col. 1, lines 21-34).

***Response to Arguments***

8. Applicant's arguments filed on 6.30.2006 have been fully considered but they are not persuasive.

Regarding the combination of Hubbe, Ringnell, and Hagebarth reference, applicant states that, the combination do not teach or suggest canging contents of the built-in memory together with contents of the storage medium a time.	In contrast to applicant's assertions, Hubbe reference clearly discloses after the card executes the update command in the SMS by processor 17, the SMS message stored in memory 18 is modified by deleting the update command reside within. Then the modified SMS message is send back to the mobile device and stored in the memory 12 (see col. 5, lines 2-3 and col. 4, lines 36-42 and 55-61).
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9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Justin Y. Lee whose telephone number is (571) 272-5258. The examiner can normally be reached on M - F 8:30 to 6:00.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Duc Nguyen can be reached on 571-272-7503. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Justin Lee  
AU 2617

  
DUC M. NGUYEN  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2600